<u>IN THE CLAIMS</u>

The following is a complete listing of the claims, and replaces all earlier versions and listings.

1.   (Currently Amended) A method of compressing a ~~digital~~ <u>DV</u> format in which information representing a physical quantity is accompanied by data having a value independent of that of the information representing a physical quantity and dependent on the ~~digital~~ <u>DV</u> format, comprising an operation of removing the data, wherein the data removed in the removing can be reconstituted knowing the ~~digital~~ <u>DV</u> format.

2. and 3.   (Canceled)

4.   (Currently Amended) The method according to ~~either one of~~ Claim 1, in which, during the removing, reserved data are removed.

5.   (Previously Presented) The method according to Claim 1, in which, during the removing, identifiers of parts of a set of data are removed.

6.-14. (Canceled)

15. (Previously Presented) A data and information processing method in which a physical quantity is represented by a predetermined quantity of data and information, the method comprising the steps of:

estimating a need to reduce a quantity of data and information representing a physical quantity, and

when reduction is necessary, implementing a compression method according to Claim 1.

16. (Canceled)

17. (Currently Amended) A method for transmitting information representing a physical quantity, wherein the information is accompanied by data, according to a predetermined ~~digital~~ DV format, the method comprising:

an operation of removing the data, the data having a value independent of the information representing a physical quantity and dependent on the ~~digital~~ DV format, wherein the data removed in the removing can be reconstituted knowing the ~~digital~~ DV format,

an operation of receiving the information and the data,

an operation of reconstituting data in accordance with the ~~digital~~ DV format, the reconstituted data representing the received data and being independent of the information and greater in number than the number of data items received, and

an operation of organizing the reconstituted data and the information, in accordance with the ~~digital~~ DV format.

18.   (Currently Amended) A method of recording information representing a physical quantity, comprising:

an operation of removing data accompanying the information representing a physical quantity, the data having a value independent of the information representing a physical quantity and dependent on a ~~digital~~ DV format, wherein the data removed in the removing can be reconstituted knowing the ~~digital~~ DV format,

an operation of recording data and information representing a physical quantity, on a recording medium,

an operation of reading the information and the data, on the recording medium,

an operation of reconstituting data in accordance with the ~~digital~~ DV format, the reconstituted data representing the read data and being independent of the information and greater in number than the number of received data, and

an operation of organizing the reconstituted data and the information, in accordance with the ~~digital~~ DV format.

19.-20. (Canceled)

21.   (Currently Amended) A method of receiving information representing a physical quantity accompanied by data having a value independent of that of the information and dependent on a predetermined ~~digital~~ DV format, comprising:

an operation of reading at least part of the received data,

an operation of determining data that has been removed and which can be reconstituted knowing the ~~digital~~ <u>DV</u> format, the data representing the received data and having a value independent of that of the information and dependent on the ~~digital~~ <u>DV</u> format, the data being greater in number than the number of received data, and

an operation of organizing the data and the information, the organization being in accordance with the ~~digital~~ <u>DV</u> format and causing data and information to alternate.

22.   (Previously Presented) A method of receiving information representing a physical quantity, organized in accordance with a first structure including the information and structural data, in frames in accordance with a second structure and also including complementary data, comprising:

an operation of marking the information in the frames,

an operation of marking the structural data in the frames,

an operation of determining data that has been removed and which can be reconstituted knowing the digital format, the data having a value independent of the information and the complementary data and dependent on the digital format, the data representing structural data, and

an operation of organizing, in accordance with a third structure, the information and the data.

23.   (Previously Presented) The method of receiving information according to Claim 22, in which, during the marking operation, the second structure is that of a wireless transmission protocol.

24.   (Previously Presented) The method of receiving information according to either one of Claims 22 or 23, in which, during the organizing operation, the third structure is that of a protocol for transmitting or storing digital images.

25.   (Currently Amended) A method of transmitting information representing a physical quantity, comprising:

an operation of determining data intended to accompany the information, having a value independent of that of the information and dependent on a ~~digital~~ DV format,

an operation of sending or storing the information and the data,

an operation of receiving or reading, respectively, the information representing a physical quantity, accompanied by the data,

an operation of reading at least part of the received data,

an operation of determining data that has been removed and which can be reconstituted knowing the ~~digital~~ DV format, the data representing received data and having a value independent of that of the information and dependent on the ~~digital~~ DV format, the data being greater in number than the number of received data, and

an operation of organizing the data and the information, the organization being in accordance with the ~~digital~~ DV format alternating data and information.

26.   (Currently Amended) A device compressing a ~~digital~~ DV format in which information representing a physical quantity is accompanied by data having a value independent of that of the information representing a physical quantity and dependent on the ~~digital~~ DV format, comprising means for removing the data, wherein the data removed in the removing can be reconstituted knowing the ~~digital~~ DV format.

27. -.37   (Canceled)

38.   (Previously Presented) The device according to Claim 26, further comprising means for reading data in the DIF format.

39.   (Previously Presented) The device according Claim 26, further comprising means for reading on an IEEE 1394 bus.

40.   (Previously Presented) A data and information processing device, comprising:

means for estimating the need for reduction in the quantity of data and information representing a physical quantity, and

a compression device according to Claim 26,

the estimation means being adapted to use the compression device when the reduction is necessary.

41.　(Canceled)

42.　(Currently Amended)　A device receiving information representing a physical quantity accompanied by data having a value independent of that of the information and dependent on a predetermined ~~digital~~ DV format, comprising:

means for reading at least part of the received data,

means for determining data that has been removed and which can be reconstituted knowing the ~~digital~~ DV format, the data representing received data and having a value independent of that of the information and dependent on the digital DV format, the data being greater in number than the number of received data, and

means for organizing the data and the information, the organization being in accordance with the ~~digital~~ DV format and causing data and information to alternate.

43.　(Currently Amended)　A device recording information representing a physical quantity, comprising:

means for removing data accompanying the information representing a physical quantity, the data being independent of the information representing a physical quantity and dependent on the ~~digital~~ DV format, wherein the data removed in the removing can be reconstituted knowing the ~~digital~~ DV format,

means for recording data and information representing a physical quantity resulting from this removing, on a recording medium,

means for reading the information and the data resulting from the removing, on the recording medium,

means for reconstituting data in accordance with the ~~digital~~ <u>DV</u> format, the reconstituted data representing the read data and being independent of the information and greater in number than the number of received data, and

means for organizing the reconstituted data and the information, in accordance with the ~~digital~~ <u>DV</u> format.

44.   (Previously Presented) A device decompressing information representing a physical quantity organized in a first structure including the information and structural data, in frames in accordance with a second structure and also including complementary data, comprising:

marking means, adapted to mark the information in said ~~the~~ frames, and to mark the structural data in the frames,

means for determining data that has been removed and which can be reconstituted knowing a digital format, the data having a value independent of the information and the complementary data and dependent on the digital format, the data representing structural data, and

means for organizing, in a third structure, the information and the data.

45.   (Previously Presented) The device according to Claim 44, in which the marking means is adapted to mark the information and the structural data in a second structure which is that of a wireless transmission protocol.

46.   (Previously Presented) The device according to either one of Claims 44 or 45, in which the organization means is adapted to organize the information and the data in a third structure which is that of a digital image storage or transmission protocol.

47-52. (Canceled)

53. (Currently Amended) The method according to Claim 1, further comprising a step of providing a supplementary information item representing the ~~digital~~ DV format, in order to allow reconstitution of the data removed in the removing.